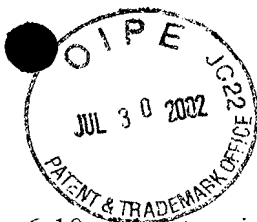


IN THE CLAIMS:

✓ Please cancel claims 6-10 without prejudice.

Please amend claims 1-3 to read as follows:



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cont.*

1 1. (Amended) An outer rotor type brushless motor comprising an outer rotor
2 having permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, a rising portion being
10 provided on the side of an inner peripheral portion of said mounting plate so as to form
11 at the top of said rising portion a face parallel to the face of said inner peripheral portion,
12 said boss being formed of resin mold and extending through a hole in said mounting plate
13 and fixed thereto and said annular portion of said stator core being fixed by screw to the
14 top of said rising portion.

1 2. (Amended) An outer rotor type brushless motor comprising an outer rotor
2 having permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft

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cont.

7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, an annular rising portion being formed on the side of an inner peripheral
11 portion of said mounting plate so as to form at the top of said rising portions a face
12 parallel to the face of said inner peripheral portion, said annular rising portion being
13 integrally inserted into said boss so as to be fixed thereto when said boss is molded and
14 said annular portion of said stator core being mounted on and fixed by screw to said face
15 at the top of said rising portion.

1 3. (Amended) An outer rotor type brushless motor comprising an outer rotor
2 having permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, a hole being provided in said mounting plate at its center, a plural of rising
11 portions being intermittently provided on an inner peripheral portion around said hole so
12 as to form at the tops of said rising portions core supports having a face parallel to said
13 inner peripheral portion, at least one of said inner peripheral portion and said core
14 supports being integrally inserted into said boss so as to be fixed thereto when said boss

15 is molded and said annular portion of said stator core being mounted on and fixed to said
16 core supports.

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cancel*

1 4. (Amended) An outer rotor type brushless motor comprising an outer rotor
2 having permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 or resin mold, a flange being protruded on the outer periphery of said boss, an annular
11 rising portion being provided on the side of an inner periphery of said mounting plate, an
12 annular peripheral portion provided at the top of said rising portion and having a face
13 parallel to said mounting plate being mounted on said flange of said boss, said annular
14 portion of said stator core being mounted on said inner peripheral portion at the top of
15 said rising portion, and said annular portion of said stator core, said inner peripheral
16 portion of said mounting plate and said flange of said boss being tightened by screws
17 extending through them.

Please add new claims 11-17 as follows:

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1 11. (New) An outer rotor type brushless motor comprising an outer rotor having
2 permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator

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cont.

3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, said annular portion of said stator core being inserted into an outer
11 periphery of said boss so as to be fixed thereto, said coil insulation layers of said stator
12 core being formed of resin mold, said annular portion of said stator core being fixed to
13 a rising portion provided on the inner periphery of said mounting plate and said boss and
14 said coil insulation layers being integrally formed.

1 12. (New) An outer rotor type brushless motor comprising an outer rotor having
2 permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, said annular portion of said stator core being inserted into an outer
11 periphery of said boss so as to be fixed thereto when said boss is molded, said annular

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12 portion of said stator core being fixed to a rising portion provided on the inner periphery
13 of said mounting plate, an annular rising portion being provided on said mounting plate,
14 a hole being provided in said rising portion forming an inner peripheral portion at the top
15 of said rising portion, a plural of radial slots being provided in said inner peripheral
16 portion around said hole, said annular portion of said stator core being integrally inserted
17 into said boss at ribs so as to be supported by said ribs of said boss at said slots of said
18 mounting plate and said annular portion of said stator core being fixed to said inner
19 peripheral portion of said mounting plate.

1 13. (New) An outer rotor type brushless motor comprising an outer rotor having
2 permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, said annular portion of said stator core being inserted into an outer
11 periphery of said boss so as to be fixed thereto, said coil insulation layers of said stator
12 core being formed of resin mold, said annular portion of said stator core being fixed to
13 a rising portion provided on the inner periphery of said mounting plate, an annular rising
14 portion being provided on said mounting plate, a hole being provided in said rising
15 portion forming an inner peripheral portion at the top of said rising portion, a plural of

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16 radial slots being provided in said inner peripheral portion around said hole, said annular
17 portion of said stator core being integrally inserted into said boss at ribs so as to be
18 supported by said ribs of said boss at said slots of said mounting plate and said annular
19 portion of said stator core being fixed to said inner peripheral portion of said mounting
20 plate.

1 14. (New) An outer rotor type brushless motor comprising an outer rotor having
2 permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, said annular portion of said stator core being inserted into an outer
11 periphery of said boss so as to be fixed thereto, said coil insulation layers of said stator
12 core being formed of resin mold, said annular portion of said stator core being fixed to
13 a rising portion provided on the inner periphery of said mounting plate, said boss and said
14 coil insulation layers being integrally formed, an annular rising portion is provided on
15 said mounting plate, a hole being provided in said rising portion forming an inner
16 peripheral portion at the top of said rising portion, a plural of radial slots being provided
17 in said inner peripheral portion around said hole, said annular portion of said stator core
18 being integrally inserted into said boss at ribs so as to be supported by said ribs of said

19 boss at said slots of said mounting plate and said annular portion of said stator core being
20 fixed to said inner peripheral portion of said mounting plate.

15. (New) An outer rotor type brushless motor comprising an outer rotor having
permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
including a stator core having a plural of magnetic pole portions protruded on an outer
periphery on an outer periphery of an annular portion of said stator core and faced to said
permanent magnets and coils wound on said magnetic pole portions, respectively, a
cylindrical boss disposed on an inner periphery of said annular portion of said stator core,
a rotational shaft extending along an axis of said boss and rotationally supported on said
boss by a bearing with a leading end of said shaft having a center portion of said rotor
yoke fixed thereto and a mounting plate fixed onto an outer periphery of said boss, said
boss being formed of resin mold, said annular portion of said stator core being inserted
into an outer periphery of said boss so as to be fixed thereto when said boss is molded,
said annular portion of said stator core being fixed to a rising portion provided on the
inner periphery of said mounting plate, a hole being provided in said mounting plate, a
plural of rising portions being intermittently provided on an inner peripheral portion
around said hole in a circumferential direction, core supports being provided at the tops
of said rising portions in parallel to said inner peripheral portion, said annular portion of
said stator core being mounted on said core supports and said annular portion of said
stator core being inserted into an outer periphery of said boss when said boss is molded
so as to be supported by said ribs above said inner peripheral portion between adjacent
rising portions.

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cont.

1 16. (New) An outer rotor type brushless motor comprising an outer rotor having
2 permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer
4 periphery of an annular portion of said stator core and faced to said permanent magnets
5 and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed
6 on an inner periphery of said annular portion of said stator core, a rotational shaft
7 extending along an axis of said boss and rotationally supported on said boss by a bearing
8 with a leading end of said shaft having a center portion of said rotor yoke fixed thereto
9 and a mounting plate fixed onto an outer periphery of said boss, said boss being formed
10 of resin mold, said annular portion of said stator core being inserted into an outer
11 periphery of said boss so as to be fixed thereto, said coil insulation layers of said stator
12 core being formed of resin mold, said annular portion of said stator core being fixed to
13 a rising portion provided on the inner periphery of said mounting plate, a hole being
14 provided in said mounting plate, a plural of rising portions being intermittently provided
15 on an inner peripheral portion around said hole in a circumferential direction, core
16 supports being provided at the tops of said rising portions in parallel to said inner
17 peripheral portion, said annular portion of said stator core being mounted on said core
18 supports and said annular portion of said stator core being inserted into an outer periphery
19 of said boss when said boss is molded so as to be supported by said ribs above said inner
20 peripheral portion between adjacent rising portions.

1 17. (New) An outer rotor type brushless motor comprising an outer rotor having
2 permanent magnets fixed onto an inner periphery of a cup-like rotor yoke, a stator
3 including a stator core having a plural of magnetic pole portions protruded on an outer

periphery of an annular portion of said stator core and faced to said permanent magnets and coils wound on said magnetic pole portions, respectively, a cylindrical boss disposed on an inner periphery of said annular portion of said stator core, a rotational shaft extending along an axis of said boss and rotationally supported on said boss by a bearing with a leading end of said shaft having a center portion of said rotor yoke fixed thereto and a mounting plate fixed onto an outer periphery of said boss, said boss being formed of resin mold, said annular portion of said stator core being inserted into an outer periphery of said boss so as to be fixed thereto, said coil insulation layers of said stator core being formed of resin mold, said annular portion of said stator core being fixed to a rising portion provided on the inner periphery of said mounting plate, said boss and said coil insulation layers being integrally formed, a hole being provided in said mounting plate, a plural of rising portions being intermittently provided on an inner peripheral portion around said hole in a circumferential direction, core supports being provided at the tops of said rising portions in parallel to said inner peripheral portion, said annular portion of said stator core being mounted on said core supports and said annular portion of said stator core being inserted into an outer periphery of said boss when said boss is molded so as to be supported by said ribs above said inner peripheral portion between adjacent rising portions.